

Automotive Technology

Presentation to the SMMT Open Forum

21st March 2013

Presented by: Jerry Hardcastle

Prepared by: Jerry Hardcastle & Jon Beasley

The Automotive Council



Richard Parry-Jones
Co-Chairman



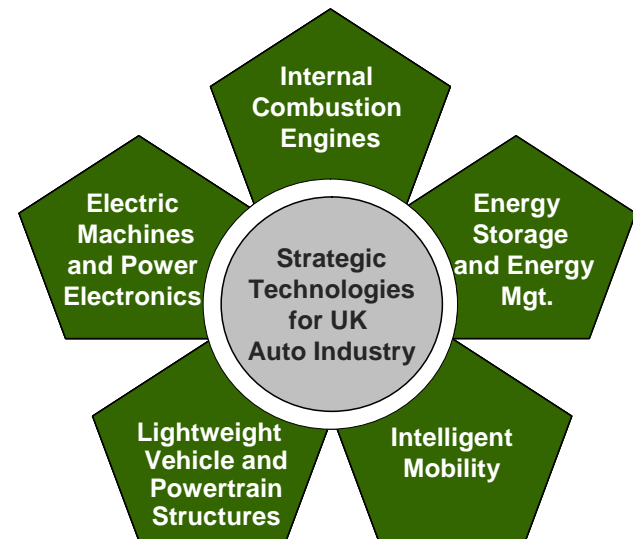
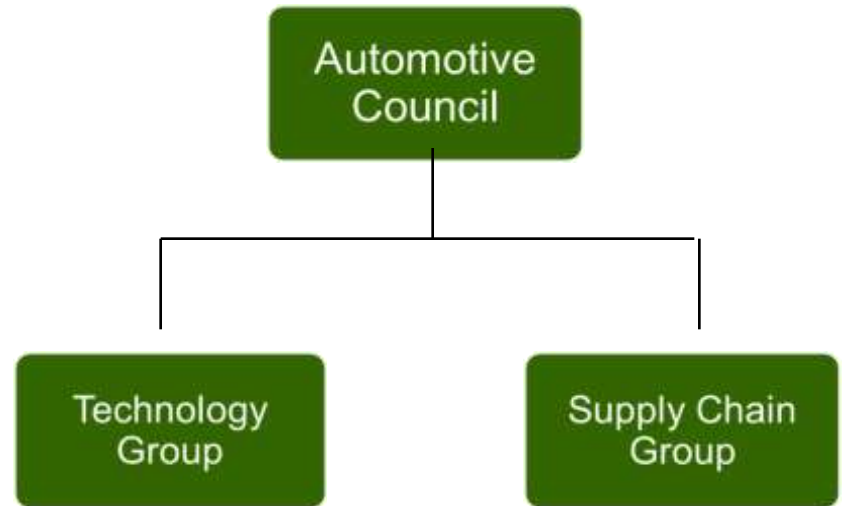
RT Hon Dr Vinca Cable
Co-Chairman

Participating organisations in the Automotive Council

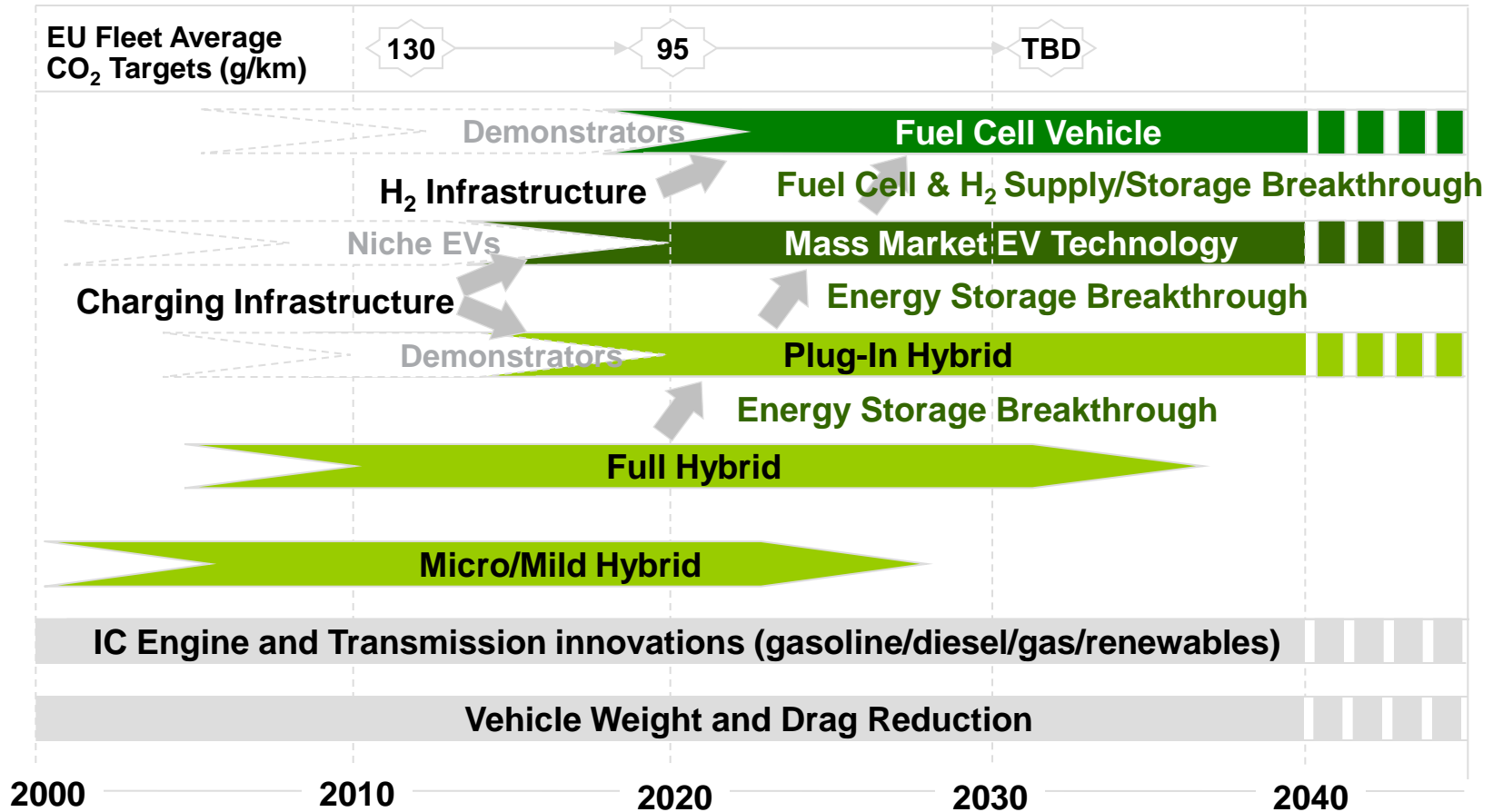
Amantys	Kwitten Communications	Sertec Group Holdings
ARUP	Lear	Sheffield University
Aston Martin AML	Leyland Trucks	Skills Funding Agency
Axon	Logica	SMMT Industry Forum
Bentley Motors	Lotus Engineering	Society of Motor Manufacturers and Traders

“Create a transformed business environment for the automotive industry in the UK to provide a more compelling investment proposition for related industries”

GSM Group	Royal Bank of Scotland
Honda (UK)	RPJ Consulting Services
Intelligent Energy	SAIC Motor UK Technical Centre Ltd
Jaguar Land Rover	Schaeffler (UK) Ltd
JCB	Scottish & Southern Energy

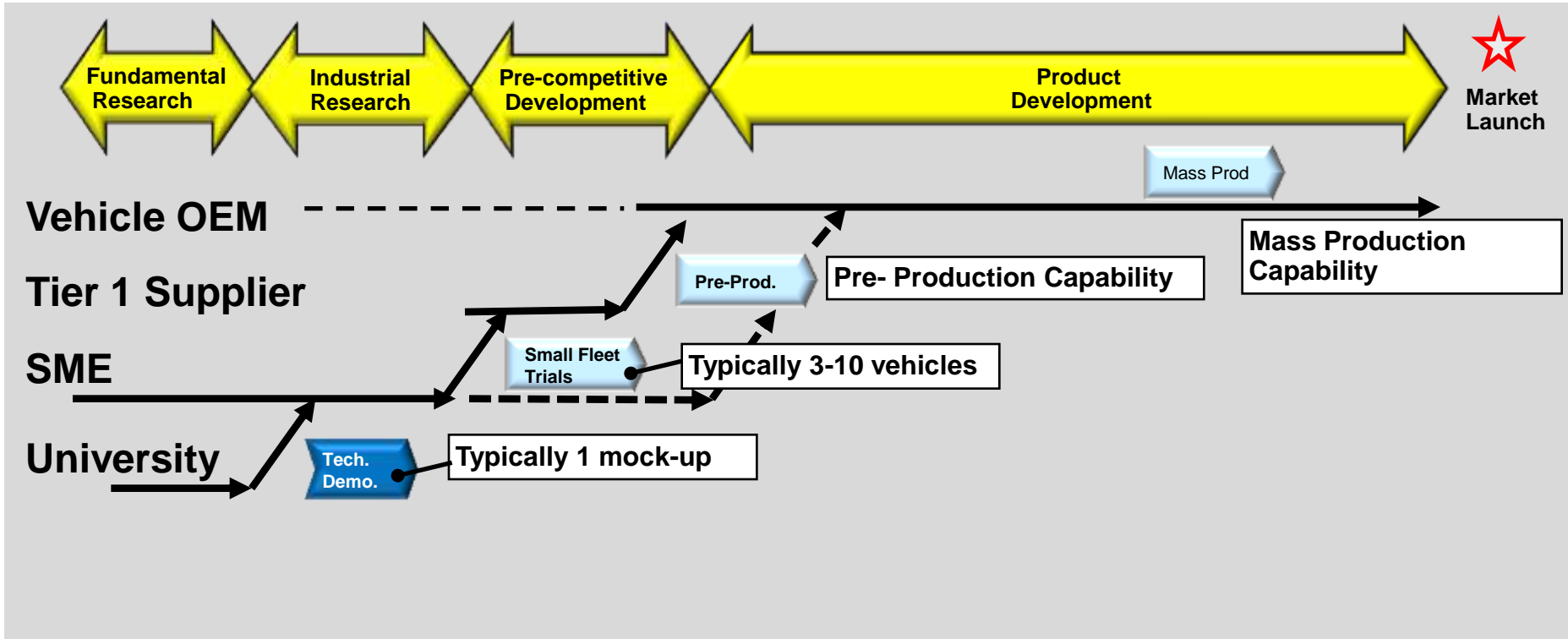


The Passenger Car Low Carbon Technology Roadmap



- ❑ First published in April 2009 with consensus amongst industry members
- ❑ CO₂ is still the driver of change today

The Technology Supply Chain

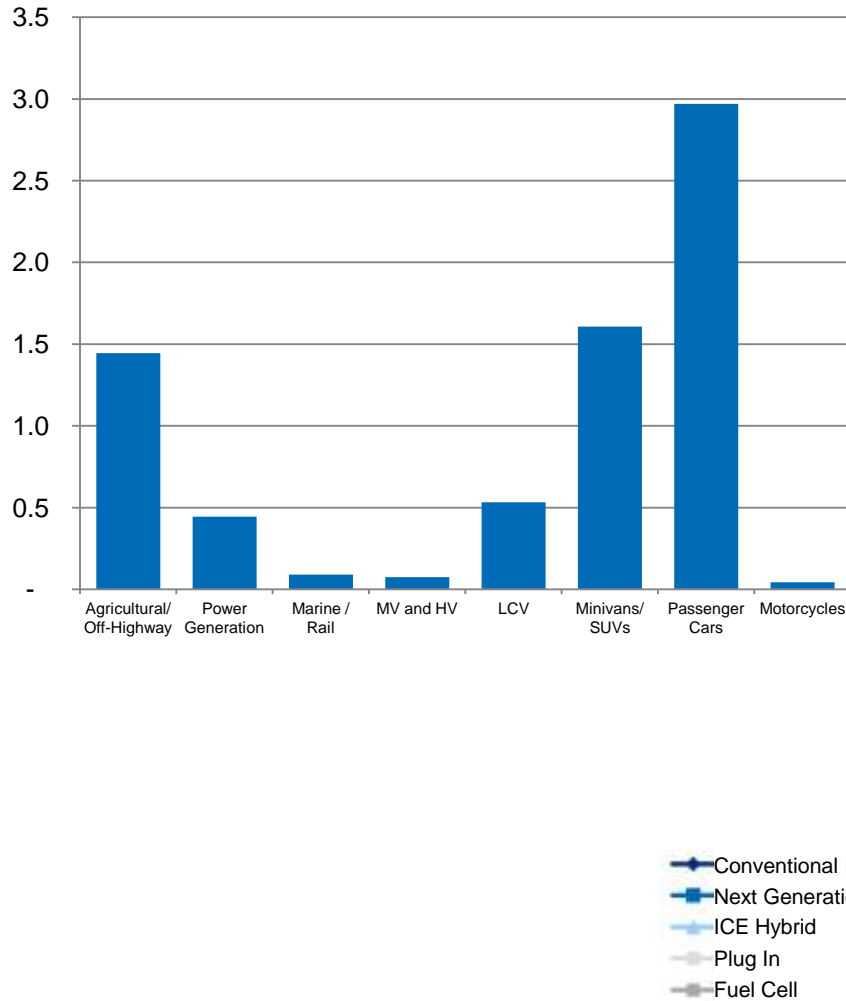


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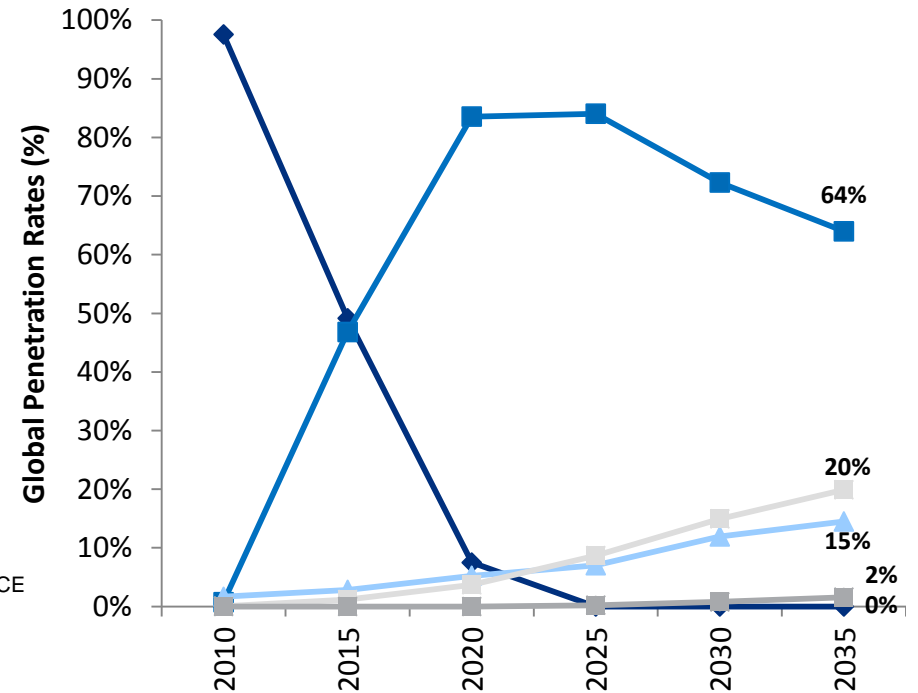


The Power Train Opportunity

UK Engine Manufacture 2011 (£bn)



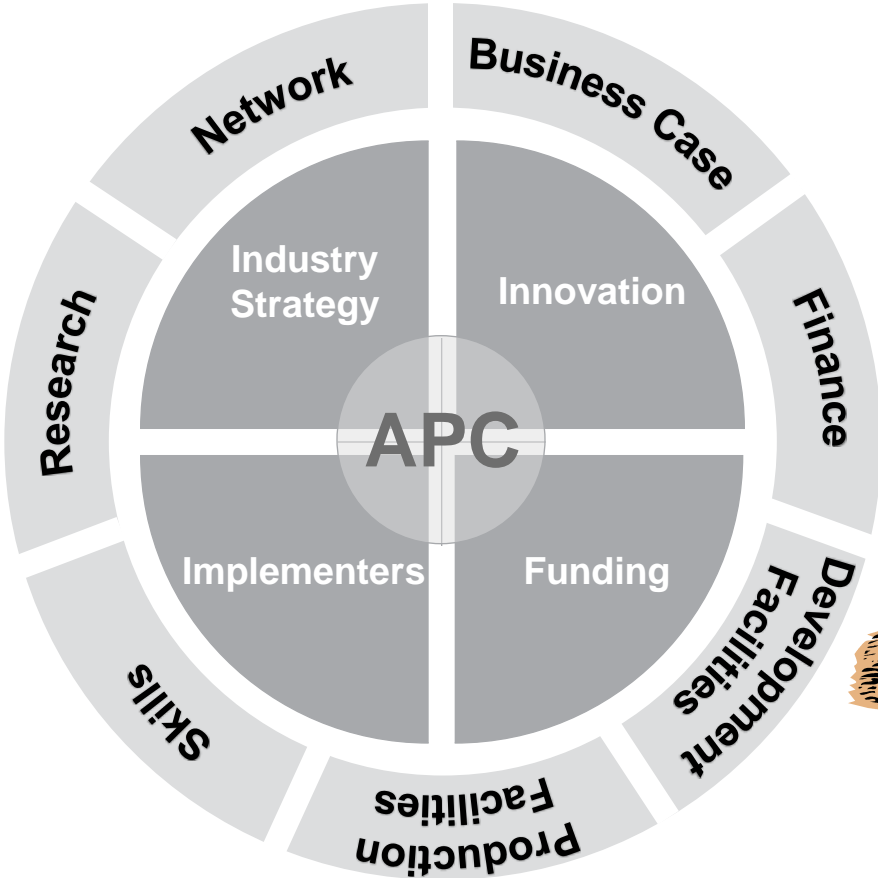
Global market shares of PT technology



The Advanced Propulsion Centre



Structure and Role of the APC



- Inputs
- APC Operations



Thank You

<http://www.automotivecouncil.co.uk>